

Acrylic radiator enamel

Specification

- Snow-white color. It does not become yellow with time.
- It is resistant to high temperatures (maximum +80 °C).
- It is resistant to repeated washing and mechanical load.
- It has high adhesive properties on different kinds of surfaces.



Sphere of application

It is intended for decorative and protective coating of undercoated or previously coated radiators and elements of heating, and also undercoated metal surfaces.

Technical data

Consumption standard of 1 layer	70-100 ml/m ² , depending of the type of surface and way of application.
Thinner	Water. It is allowed to delute it maximum 10 % of the total weight.
Application	It is applied with a roller, a brush or a spraying gun.
Drying period (23 °C, 50% RH)	< 2 hour. Drying period increases if the temperature is getting down and relative air humidity is increasing.
Solids content (DSTU ISO 3251)	45±2 %
The degree of milling (SSU ISO 1524)	≈ 5 microns
Density (DSTU ISO 2811-1)	≈ 1,17 g/cm ³
Hardness (DSTU ISO 1522)	> 50 sec.
Gloss (DSTU ISO 2813)	minimum 60 GU at 60°
Wet-scrub resistance, microns (DSTU ISO 11998)	< 1 (after 200 cycles)
VOC content (ISO 11890)	< 100 g/l
Warranty period	36 months from the date of manufacturing (at the temperature from +5 °C till +35 °C)
Packaging	0,75 L (20 kg if preordered)
Color	white (base A).
Gloss	glossy.

Composition

High-quality acrylic dispersion, pigments, water, additives.

Tinting

It can be tinted manually with Pigment Concentrate Farbex Color, other waterborne coloring pastes or with a coloring machine acc. to NCS color range and others.

Application instruction

1 Preliminary preparation

- The surface shall be hard and dry. Clean thoroughly of dust, rust, dirt, coke dross, grease, oil and other dirt.
- Clean dirty areas with a dry brush.
- The metal surface shall be thoroughly cleaned from rust with metal brush or polishing paper.



To receive a smooth surface without visible places of old coatings (paint or varnish), it shall be totally removed from the surface in mechanical (with a scratcher, a floor scrubber), thermal (a hot dryer, infra-red rays) or chemical way (paint removing treatments).

Previously painted surface (with oil or alkyd paint) shall be sanded for gaining the best adhesion.

2 Priming

Previously coated wooden surfaces require no undercoating.

Metal surfaces, which were not undercoated before, shall be undercoated with Anticorrosion primer GF-021 TM Farbex.

3 Applying of finishing layer

Stir the enamel thoroughly before use. The enamel is ready to use. If necessary, dilute it with water. Excessive diluting causes the quality of the coating.

It is not recommended to perform an application on working heating systems!

Enamel shall be applied with brush, roller or paint blower with 1-2 layers. Next layer shall be applied not earlier than in 4 hours. The temperature of the air and the surface under application shall be from +10 °C till +30 °C and relative air humidity no more than 80%.

Do not apply the enamel under direct sunlight, strong wind, frost and atmospheric precipitation. After the coating is applied it shall not be affected by atmospheric precipitation and sub-zero temperatures for 24 hours.

The coating takes finally its properties in 3-4 weeks.

4 Tool cleaning

Clean tools with water after application.

SAFETY

Do not mix with other products and (or) organic solvents! Keep in tightly closed original containers at the temperature from +5 °C till +35 °C. Keep out of moisture, direct sunlight, frost and out of reach of children. During application use personal safety gear (work clothes, rubber gloves, a respirator and safety glasses). If application is indoors well-arranged ventilation shall be provided. If skin contact, wash thoroughly with water and soap. If eye contact, rinse with plenty of running water. Consult a doctor if necessary. VOC content: cat. A/d (WB): <130 g/l. Actual VOC content ≤ 100 g/l. More detailed information you can read from the safety data sheet. The product has a sanitary-epidemical conclusion of the state expertise.

ENVIRONMENTAL PROTECTION

Do not empty into drains, ponds and in soil ! Liquid rests shall be delivered to the waste drop-off point. Rests of dry products and empty containers shall be recycled as common construction waste, in accordance with the Law.

The authenticity of this information is based on laboratory tests and practical knowledge. The quality of the product completely corresponds to the demands of TU U 24.3-32318370-001:2006. As a manufacturer, the company isn't responsible for the damage caused by application, which is not in accordance with the directions. The applicability of the product for specific purposes shall be defined entirely by the consumer. Current information loses validity with the issue of a new edition.

